Libby Asbestos Superfund Site
BNSF Libby Rail Yard Response Action 2004
RFI - REQUEST FOR INFORMATION

DATE: Sept. 24, 2004	RFI NO. 2004-1 INITIATED BY: Kennedy Jenks Consultants	CONTRACTOR: BNSF (Kennedy/Jenks)	CONTRACT NO.
CONTRACT DESCRIPTION: BNSF Libby Rail Yard Response Action 2004		ATTENTION OF: Jim Christiansen; Region 8 EPA	

SUBJECT:
O ELECTRICAL O MECHANICAL X CIVIL O STRUCTURAL/ARCHITECTURAL O INSTRUMENTATION

OPERABLE UNIT	REFERENCE DWG., P.O., TAG, SPECIFICATION NO. (FOR DEVIATIONS OR DEFICIENCIES) ETC:
	Drawing Sheets C2 through C5

PROBLEM DESCRIPTION

Soil tested as clean is currently scheduled to be removed and transported to the landfill as "clean" cover material. Sub ballast material will be brought in from an approved outside source, and placed over filter fabric that will cap the railroad ties that remain in place as described for Zones 4, 6 and 7. Soil sampled as clean could be used as a sub base to the ¾-inch minus sub ballast material, thereby reducing transportation over public roads, and reducing potential ambient dust from trucking operations.

			PRP Representative
	O Design Deficiency ☒ Engineering Change Request O Agency Directive O Construction Deficiency O Schedule	☒ Material Substitution O Vendor Material Deficiency O Scope O Clarification/Information O Other Final Design Document	Dave Diem (Kennedy/Jenks Consultants) for BNSF

RESPONSE/DIRECTIVE

Place a lift of soil that has documented analytical clearance at a thickness of up to, but no more than, 6-inches only in the Zone 4, 6 and 7 areas. The material will be placed over the filter fabric as originally designed, and then compacted. Once this lift has been compacted, another lift (6-inch minimum thickness) of imported ¾-inch minus base material will be placed and compacted to bring the grade up to design specifications. Random composite samples will be collected from the "stockpiled" clean soil to serve as a QA/QC for the presence of asbestos form material.

Compaction will be measured by qualitative methods (relative compaction) for Zones 4, 6 and 7 due to the underlying railroad ties and low vehicular traffic levels anticipated in the future.

COMMENTS Ensure the soil is used at Fabric interface, is no thicker than 6", and is covered by at least 6" of imported soil.

Kennedy/Jenks: _____ Date: 9/24/04

EPA Representative: _____ Date: 9/29/04

CC: File: RFI Log
Project Manager: Chuck Soule / Kennedy/Jenks
Construction Manager: Dave Diem / Kennedy/Jenks
Other: Jim Christiansen / EPA, Courtney Zamora / Volpe